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Application Serial Number: 10/527, 769A
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PATENT APPLICATION: US/10/527,769A

DATE: 08/22/2006

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3 <110> APPLICANT: Klocke, Rainer
 4 Marquardt, Andreas
 5 Peraus, Gisela
 6 Stumm, Gabriele
 7 Wabnitz, Philipp

10 <120> TITLE OF INVENTION: CYTOPLASMIC DYNEIN HEAVY CHAIN1 GENES, EXPRESSION PRODUCTS,
 NON-HUMAN

11 ANIMAL MODEL: USES IN HUMAN NEUROLOGICAL DISEASES

13 <130> FILE REFERENCE: 14851-003US1

15 <140> CURRENT APPLICATION NUMBER: US 10/527,769A

16 <141> CURRENT FILING DATE: 2005-03-11

18 <150> PRIOR APPLICATION NUMBER: PCT/EP 03/10118

19 <151> PRIOR FILING DATE: 2003-09-11

21 <150> PRIOR APPLICATION NUMBER: US 60/410,776

22 <151> PRIOR FILING DATE: 2002-09-13

24 <150> PRIOR APPLICATION NUMBER: US 60/426,609

25 <151> PRIOR FILING DATE: 2002-11-15

27 <150> PRIOR APPLICATION NUMBER: US 60/444,920

28 <151> PRIOR FILING DATE: 2003-02-04

30 <160> NUMBER OF SEQ ID NOS: 126

32 <170> SOFTWARE: PatentIn version 3.2

34 <210> SEQ ID NO: 1

35 <211> LENGTH: 14351

36 <212> TYPE: DNA

37 <213> ORGANISM: Mus musculus

39 <300> PUBLICATION INFORMATION:

40 <308> DATABASE ACCESSION NO: Genbank/AY004877.1

41 <309> DATABASE ENTRY DATE: 2000-07-28

42 <313> RELEVANT RESIDUES: (1)..(14351)

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379	ctgtcatcga	ggcccagaac	gctgtgaagt	ccatcaagaa	gcagcacctg	gtggaggtga	10080
381	ggtccatggc	caaccctcct	gcagctgtga	agctggctct	ggagtccatc	tgctgtctgc	10140
383	ttggtgagag	caccacggac	tggaagcaga	tccgctccat	catcatgaga	gagaacttca	10200
385	tccccacccat	cgtcaacttc	tccgctgagg	agatcagtga	tgccatacga	gagaagatga	10260
387	agaaaaacta	catgtccaac	cccagttaca	actatgagat	cgtcaaccgg	gcttccctgg	10320
389	cttgtggtcc	tatggtgaag	tgggcgattg	cacagctcaa	ttatgcagac	atgttaaagc	10380
391	gagtggagcc	cctgaggaat	gagctgcaga	agctggaaga	tgacgccaa	gacaaccagc	10440
393	agaaagccaa	tgagggtgag	cagatgatca	gggacctgga	agccagcatt	gcccgtctaca	10500
395	aggaggagta	cgtgtcctc	atctctgagg	cccaggccat	caaggcagac	ctggcagctg	10560
397	tgggaagcaaa	ggtaaaccgg	agcactgcac	ttctaaagag	tttatctgcc	gaaagggaac	10620
399	gttgggaaaa	gacgagtga	actttcaaaa	accagatgtc	taccattgct	ggggactgcc	10680
401	tccctgtcggc	ggccttcatt	gcttacgctg	gctactttga	ccagcaaagt	cgccagaact	10740
403	tggtcaccac	ctggtctcat	cacttacagc	aagccaacat	ccagttccgc	acagacattg	10800
405	caaggacgga	gtacctctcc	aatgctgacg	aacgcctccg	ctggcaggcc	agctctctgc	10860
407	ctgccgacga	cctgtgcaca	gagaatgcca	tcatgtctaa	acgattcaat	aggtaccgcc	10920
409	tgatcatcga	cccctccgga	caggccacag	aattcatcat	gaatgaatat	aaggaccgga	10980
411	agatcacaag	gaccagcttc	ttagatgatg	ccttccggaa	gaatttggag	agtgtctctga	11040
413	gatttgccaa	tccccttctt	gtccaggatg	tggaaagcta	cgatccagtt	ttgaatccag	11100
415	tactgaaccg	tgaagttcgg	cgaacaggag	ggagggtgct	gattaccctc	ggtgaccaag	11160
417	acatagacct	gtcaccatcc	tttgtcatct	ttctgtctac	ccgagaccca	actgtggagt	11220
419	tcccaccaga	cctctgtctc	cgggtgacct	ttgtgaactt	caccgtcacc	cgcagcagtt	11280
421	tacagagcca	gtgtctcaat	gaagtgttta	aagcagaaag	gccagacgtg	gacgagaagc	11340
423	gtcccgacct	cctgaaactg	caaggggagt	tccaactccg	tttacggcag	cttgaaaagt	11400
425	ctctgtctcca	agctctgaat	gaggtaaaa	gccgcattct	ggttgacgac	accatcatta	11460
427	caaccctgga	gaatctgaag	cgggaagctg	ccgaggttac	cagaaagggtg	gaggagacag	11520
429	atattgtcat	gcaggagggtg	gagaccgtgt	cccagcagta	cctgccgctg	tccactgcct	11580
431	gcagcagcat	ctacttcact	atggagtctt	tgaagcaggt	tcacttctctg	taccagtact	11640
433	ctctgcagtt	cttctctggac	atctaccaca	acgtgtctga	tgagaacccc	aacctgaagg	11700
435	gtgccaccga	tcacacacag	cgcctctccg	tcataaccaa	ggacctcttc	caggtggcct	11760
437	ttaaccgagt	ggctcgaggc	atgctgcacc	aggaccacat	caccttcgcc	atgctgctag	11820
439	cgaggatcaa	gctgaaaggc	accgtggggg	agcccaccta	tgatgcagag	ttccagcact	11880
441	tcctcagagg	gaaggagatt	gtgctgagtg	ctggctccac	ccccaaaatc	cagggcctga	11940
443	ccgtagagca	ggcagaagct	gtcgtgaggt	tgagctgtct	gcctgcattt	aaagatctga	12000
445	ttgccaaggt	gcaggcagat	gagcagtttg	gcatttgggt	ggatagcagt	tcaccagagc	12060
447	agaccgtgcc	atacctctgg	agcaggaaaa	cgcctacaac	tcccattggg	caggccatcc	12120
449	accgcctgct	cctgattcaa	gccttccgac	ccgaccgcct	gttggccatg	gcccacatgt	12180
451	ttgtttccac	aaacctcggg	gagtccttca	tgtccatcat	ggagcagcct	ctcgacctca	12240
453	cccacattgt	gggcacagag	gtgaaggcaa	acacacatgt	cctgatgtgc	tctgtgcctg	12300
455	ggtatgatgc	cagcggacat	gttgaggacc	tcgcagcaga	gcagaacacg	cagatcacgt	12360
457	ctattgccat	cggctcagca	gaaggcttta	accaagcaga	taaggccatc	aacaccgcgg	12420
459	tgaagtccag	caggtgggtg	atgttgaaga	acgtgcacct	ggccccgggc	tggtctgatgc	12480
461	agctggagaa	gaagctgcac	tccttgcagc	cccacgcctg	cttccgactt	ttcctcacca	12540
463	tggagatcaa	ccccaaaggtg	cccgtgaacc	tgctccgtgc	tggtcggatc	tttgtgtttg	12600

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/527,769A

DATE: 08/22/2006
TIME: 10:01:45

Input Set : N:\RJAVED\10527769.txt
Output Set: N:\CRF4\08222006\J527769A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:67; Xaa Pos.. 473,973 ✓

VERIFICATION SUMMARY

DATE: 08/22/2006

PATENT APPLICATION: US/10/527,769A

TIME: 10:01:45

Input Set : N:\RJAVED\10527769.txt

Output Set: N:\CRF4\08222006\J527769A.raw

L:530 M:283 W: Missing Blank Line separator, <300> field identifier

L:534 M:283 W: Missing Blank Line separator, <400> field identifier

L:8678 M:286 W: Invalid Database Entry: Valid Formats YYYY-MM-DD or Mon-YYYY, SEQ ID:65

L:9154 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:464

M:341 Repeated in SeqNo=67